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New U.S. Patent Application

Inventor(s): Holger Puchta; Christian Biesgen

Title: "Recombination Systems and Methods for Eliminating
Nucleic Acid Sequences ... Genome of Eukaryotic Organisms"

Filing Date: January 5, 2003

Attorney Dkt. No.: 532622003100

Sheet 1 of 15

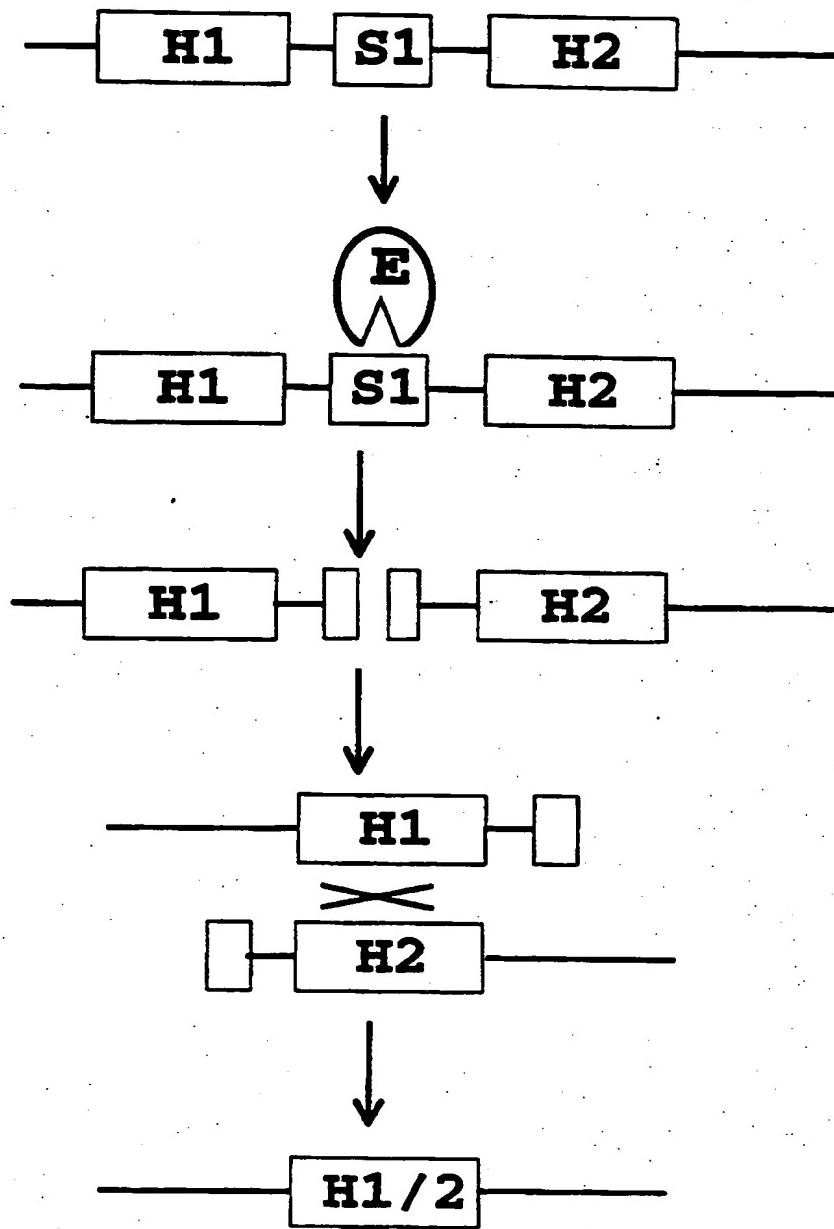


Fig. 1

New U.S. Patent Application
Inventor(s): Holger Puchta; Christian Biesgen
Title: "Recombination Systems and Methods for Eliminating
Nucleic Acid Sequences ...Genome of Eukaryotic Organisms"
Filing Date: January 5, 2003
Attorney Dkt. No.: 532622003100
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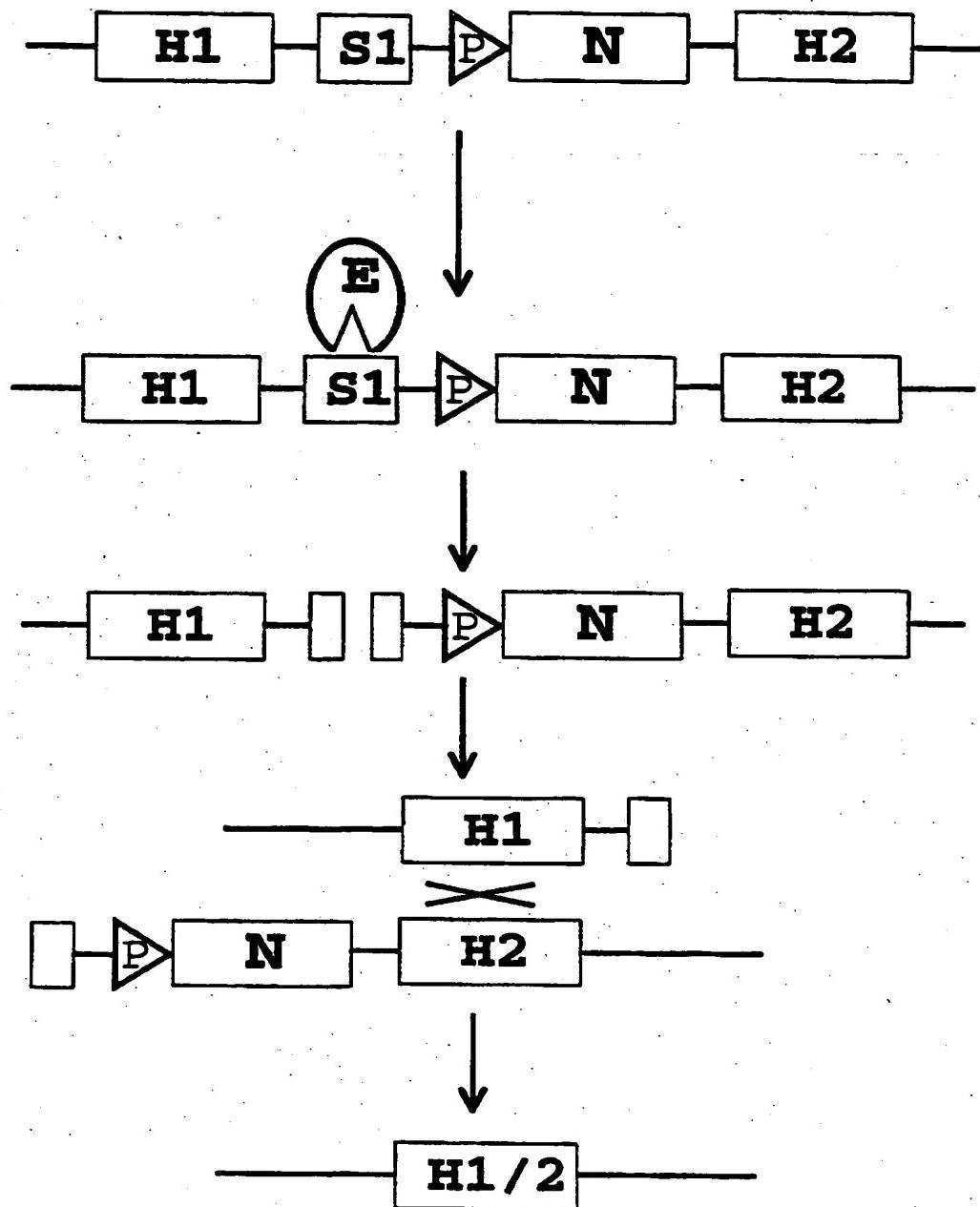


Fig. 2

New U.S. Patent Application

Inventor(s): Holger Puchta; Christian Biesgen

Title: "Recombination Systems and Methods for Eliminating
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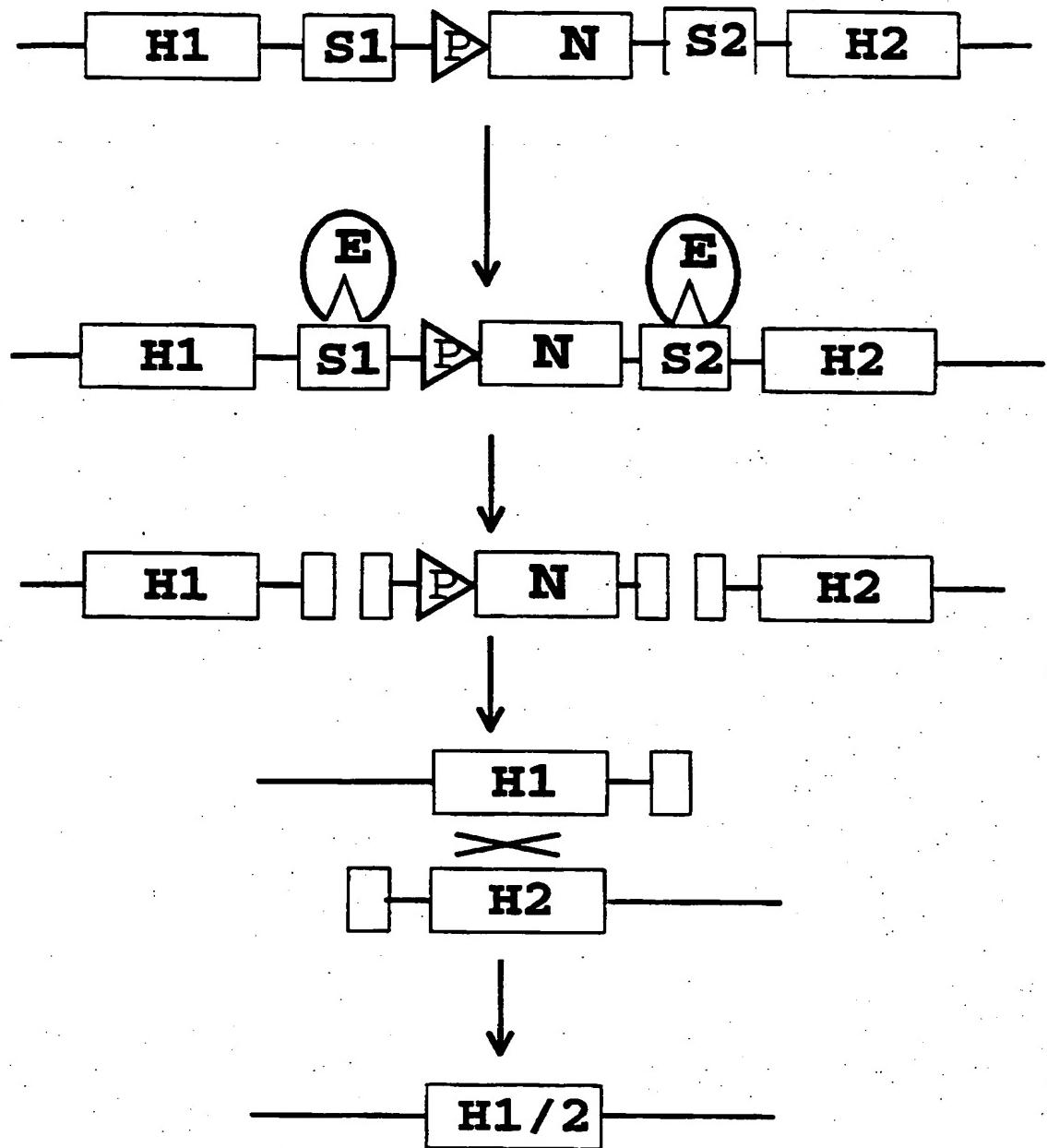


Fig. 3

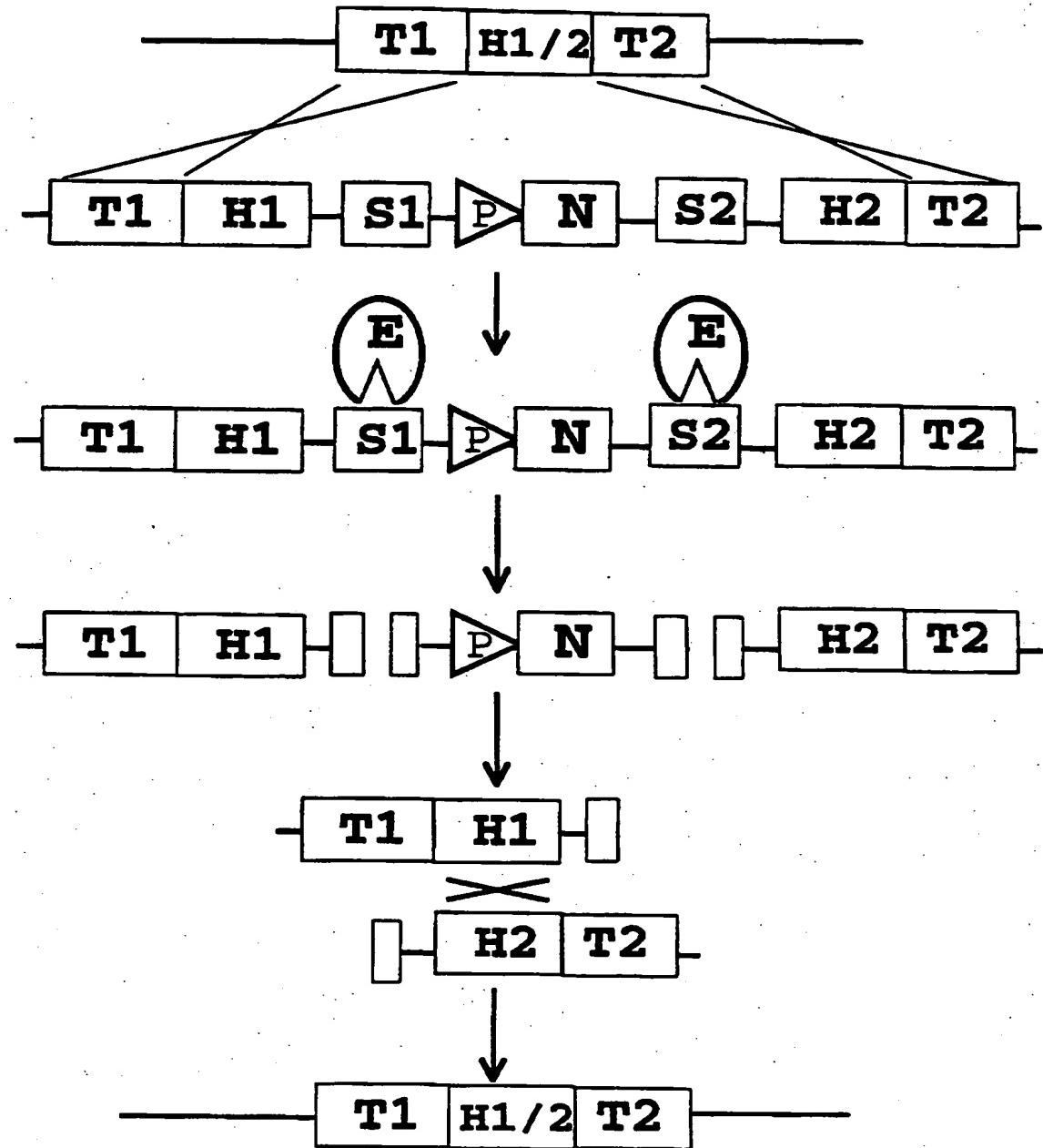


Fig. 4

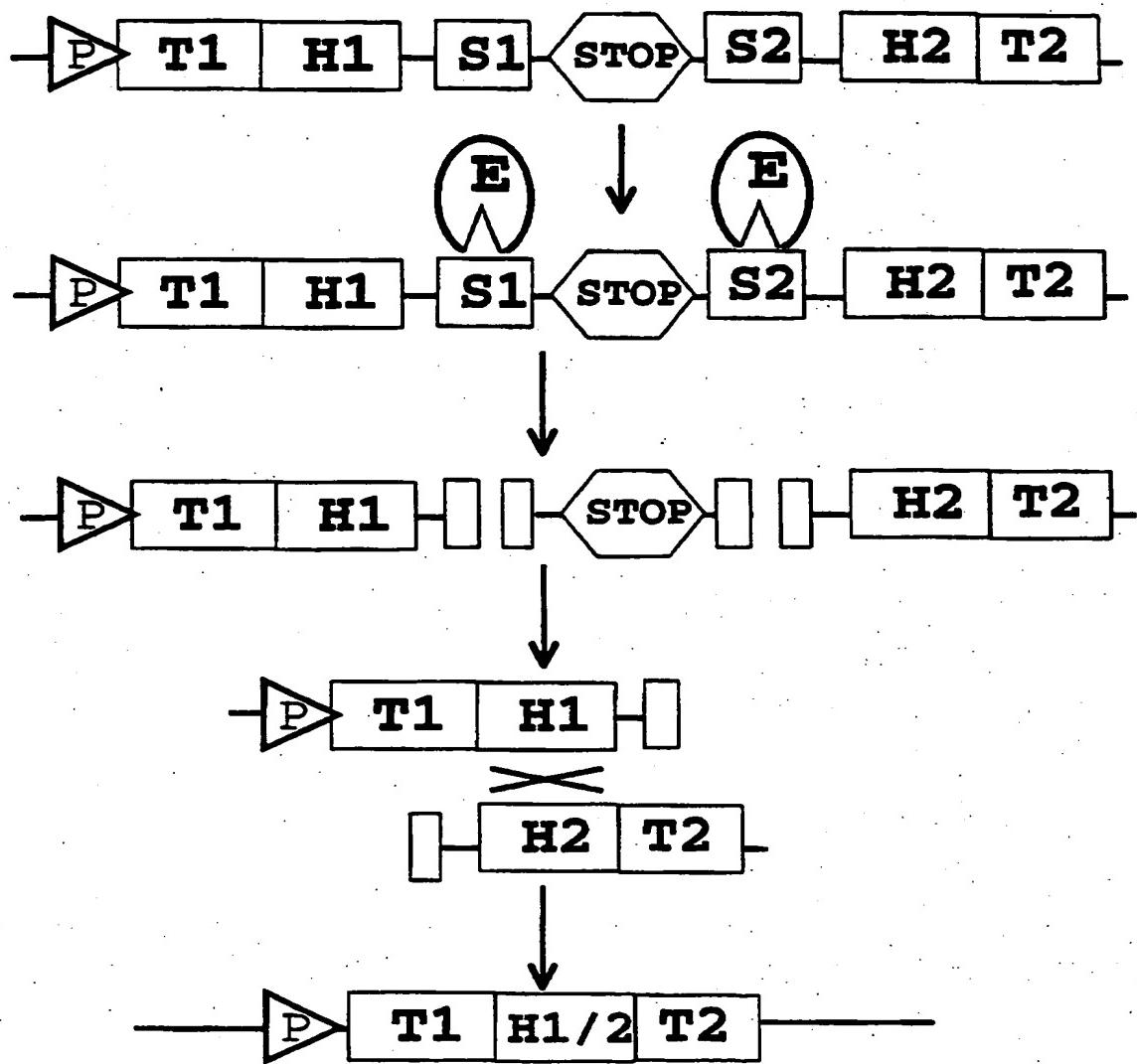


Fig. 5

New U.S. Patent Application

Inventor(s): Holger Puchta; Christian Biesgen

Title: "Recombination Systems and Methods for Eliminating
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• Filing Date: January 5, 2003

Attorney Dkt. No.: 532622003100

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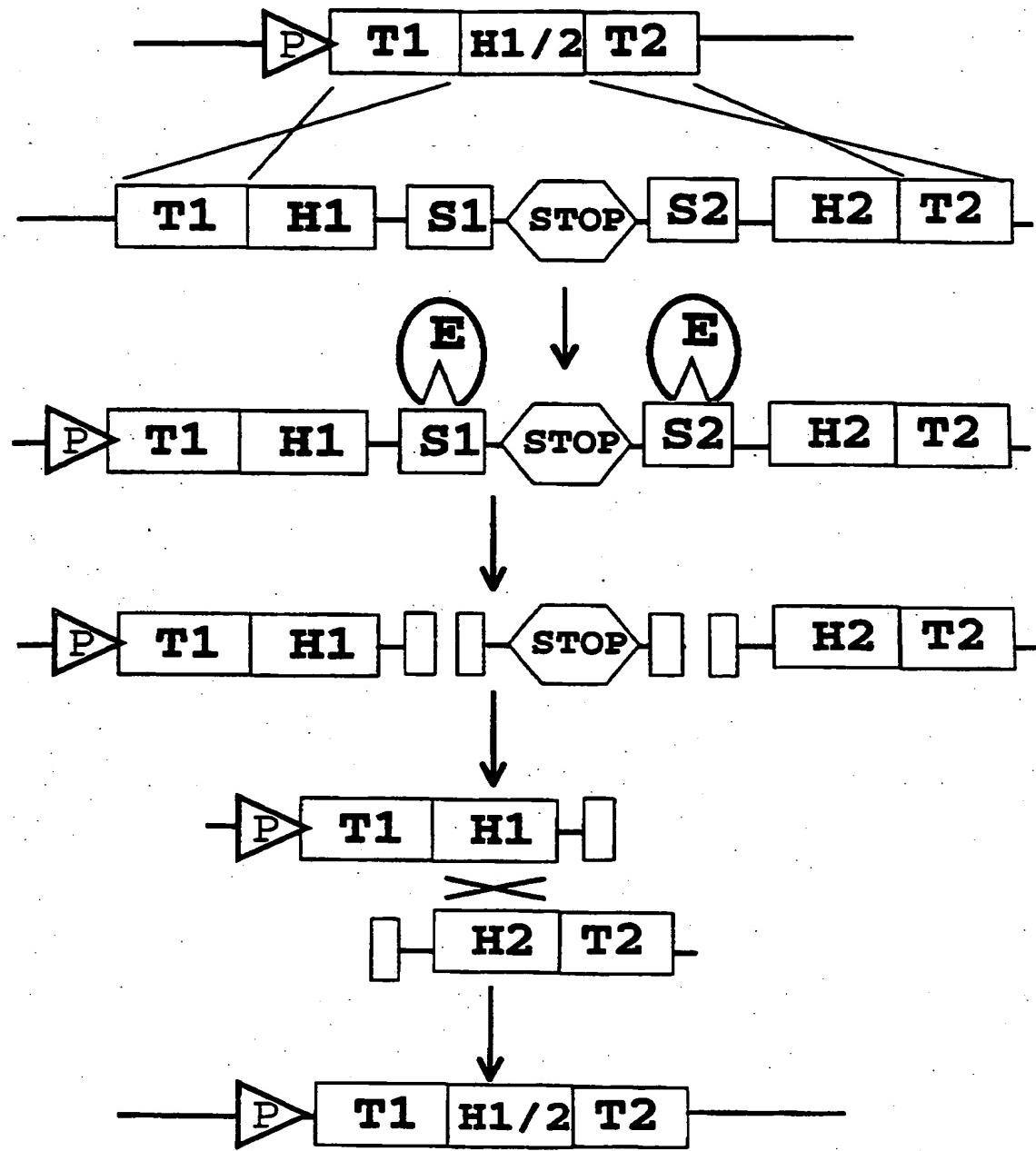


Fig. 6

New U.S. Patent Application

Inventor(s): Holger Puchta; Christian Biesgen

Title: "Recombination Systems and Methods for Eliminating Nucleic Acid Sequences ...Genome of Eukaryotic Organisms"

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Attorney Dkt. No.: 532622003100

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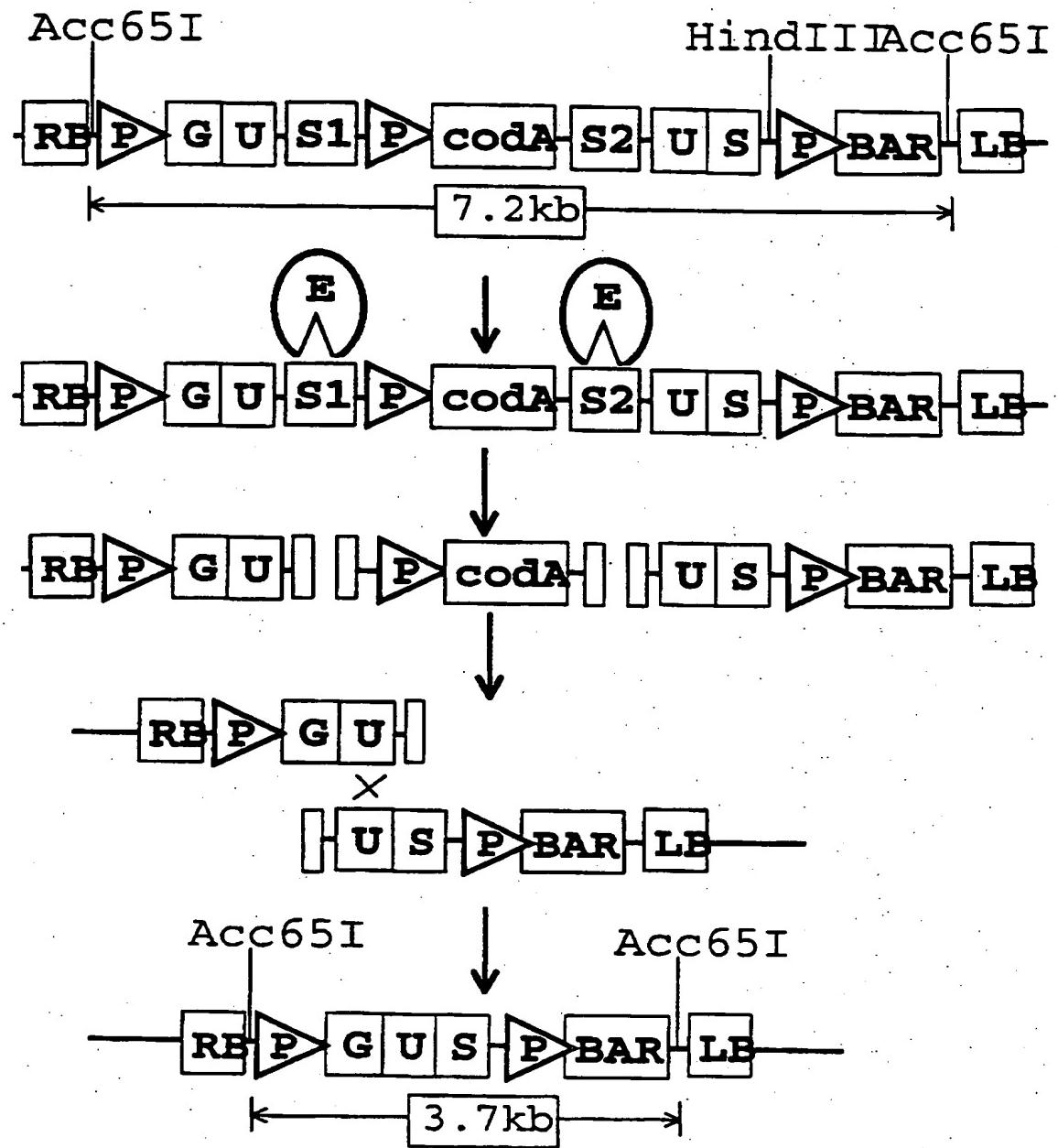


Fig. 7a

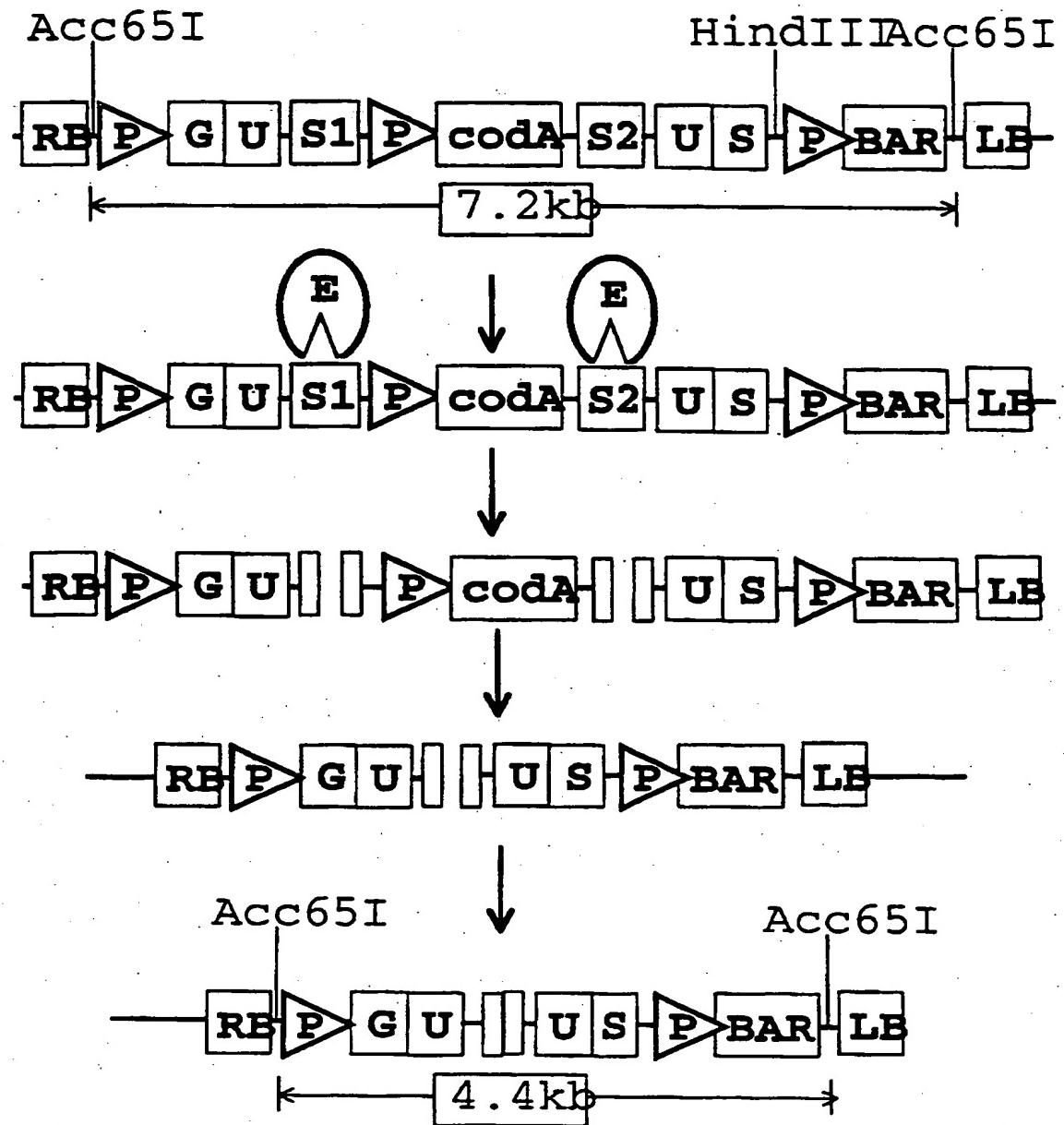


Fig. 7b

New U.S. Patent Application

Inventor(s): Holger Puchta; Christian Biesgen

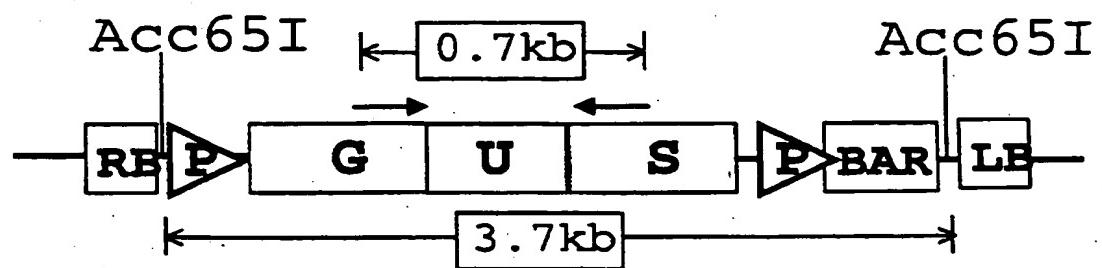
Title: "Recombination Systems and Methods for Eliminating
Nucleic Acid Sequences ...Genome of Eukaryotic Organisms"

Filing Date: January 5, 2003

Attorney Dkt. No.: 532622003100

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A



B

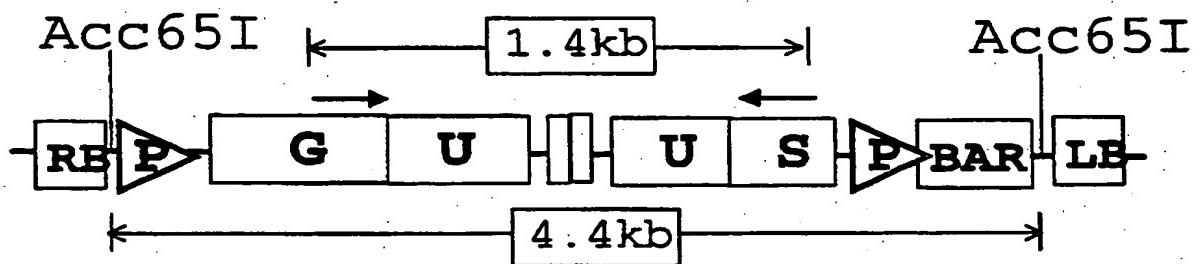


Fig. 7c

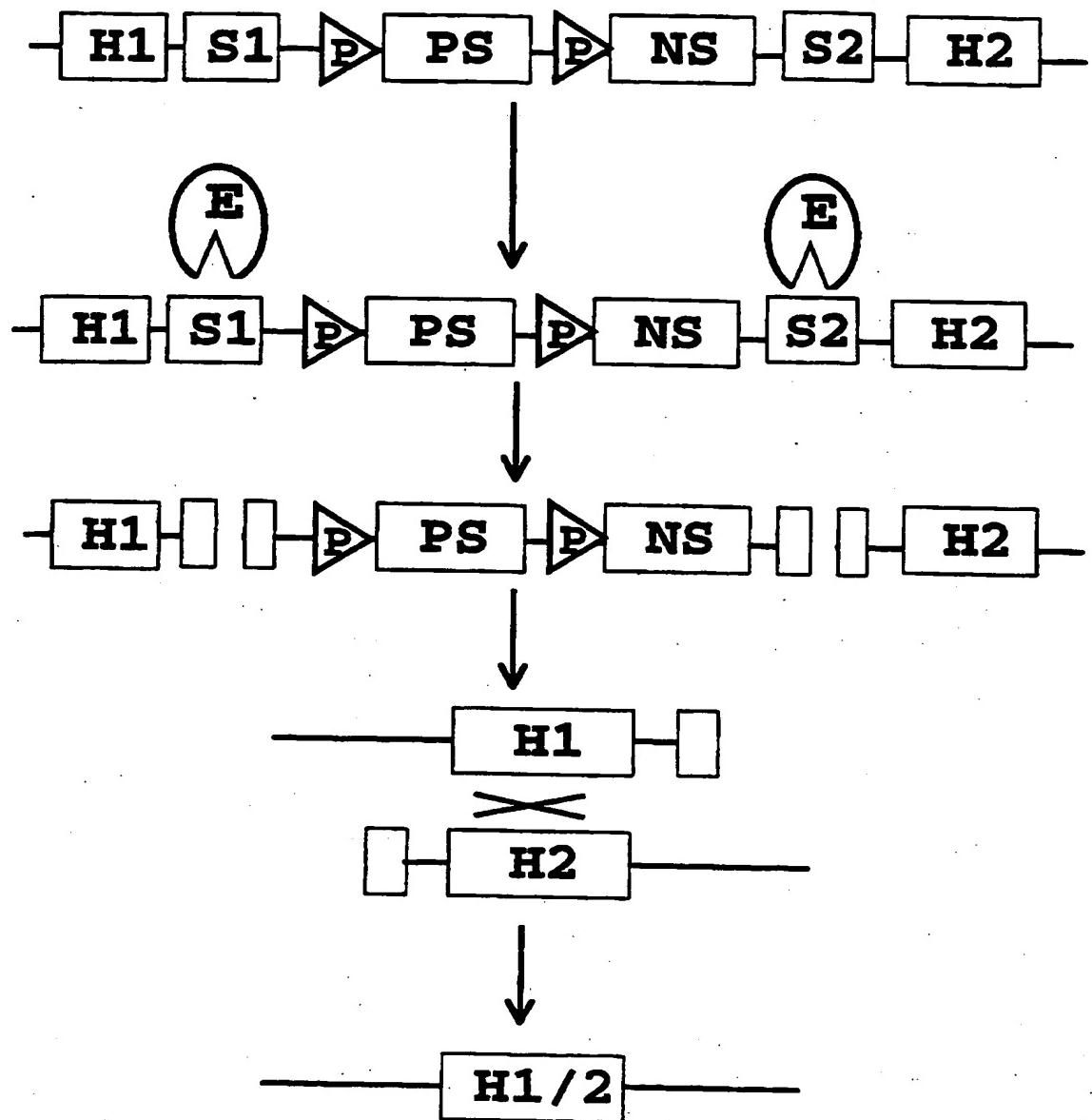


Fig. 8

New U.S. Patent Application

Inventor(s): Holger Puchta; Christian Biesgen

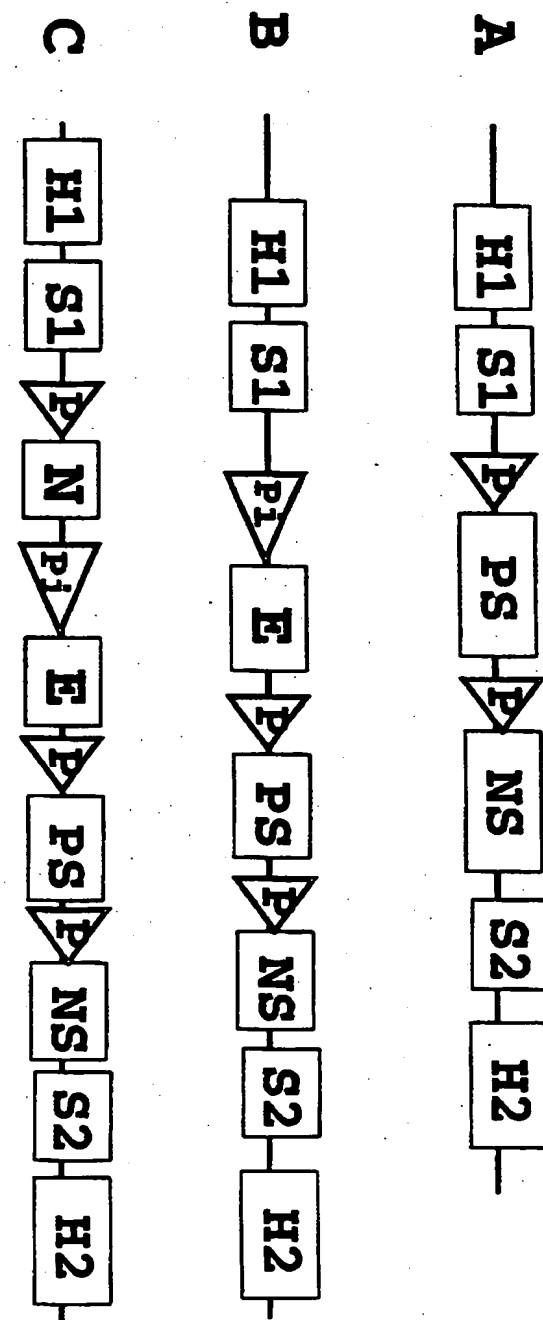
Title: "Recombination Systems and Methods for Eliminating
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Filing Date: January 5, 2003

Attorney Dkt. No.: 532622003100

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Fig. 9



New U.S. Patent Application

Inventor(s): Holger Puchta; Christian Biesgen

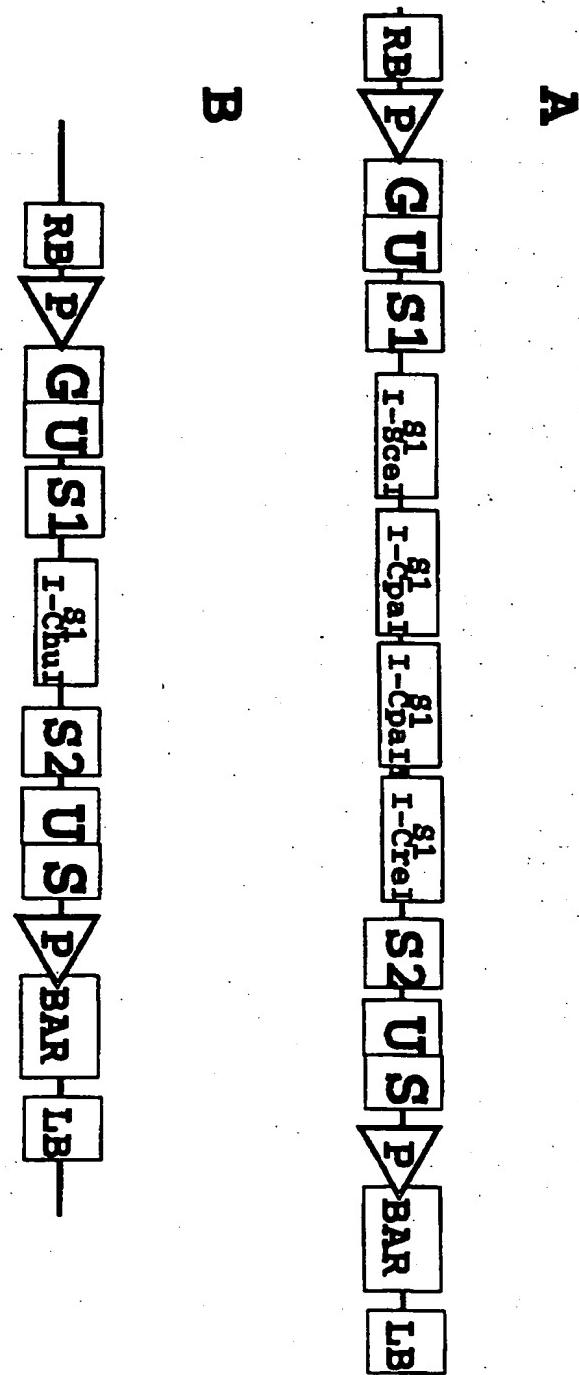
Title: "Recombination Systems and Methods for Eliminating
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Attorney Dkt. No.: 532622003100

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Fig. 10



New U.S. Patent Application
Inventor(s): Holger Puchta; Christian Biesgen
Title: "Recombination Systems and Methods for Eliminating
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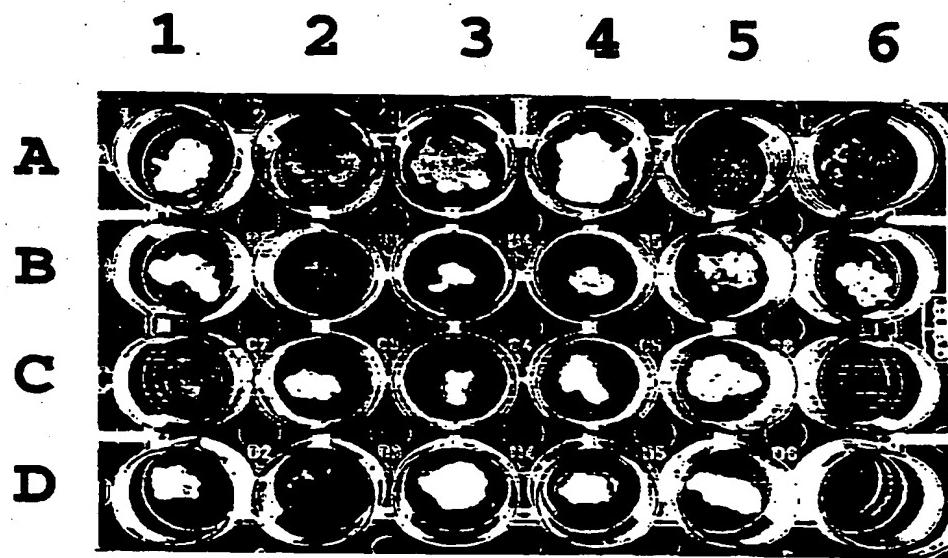


Fig. 11

New U.S. Patent Application

Inventor(s): Holger Puchta; Christian Biesgen

Title: "Recombination Systems and Methods for Eliminating
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Filing Date: January 5, 2003

Attorney Dkt. No.: 532622003100

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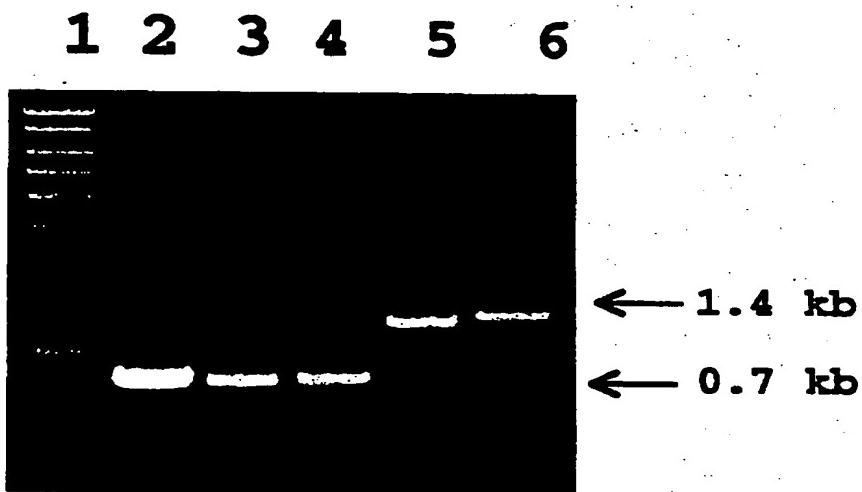


Fig. 12

New U.S. Patent Application

Inventor(s): Holger Puchta; Christian Biesgen

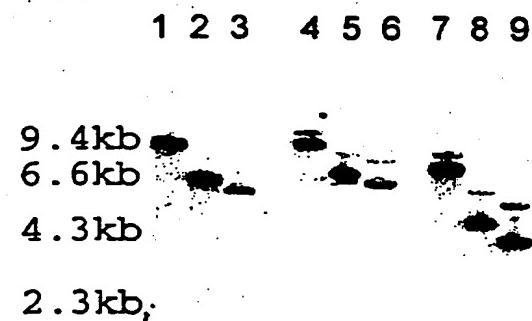
Title: "Recombination Systems and Methods for Eliminating
Nucleic Acid Sequences ...Genome of Eukaryotic Organisms"

Filing Date: January 5, 2003

Attorney Dkt. No.: 532622003100

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6.6kb

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D

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Fig. 13